

Hybrid OTTPA Mini Modified Tractor

Your Name

October 30, 2025

Project Overview

This project involves designing a hybrid OTTPA tractor powered by electric motors and a diesel generator.

Design Concept

The rear wheels are powered by electric motors, while a front-mounted diesel generator powers the motors and balances the tractor.

Subsystems

Frame and Chassis

Steel tubing frame with roll cage.

Drivetrain

Electric motors connected to rear axle and tires.

Next Steps

Perform torque and weight distribution calculations.

References